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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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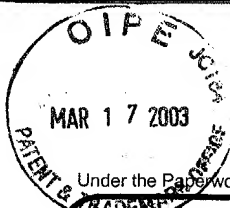
TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application	09/618,178	
	Filing Date	18 July 2000	
	First Named	LINCOLN, Stephen E.	
	Group Art Unit	1655	
	Examiner Name	FREDMAN, Jeffrey N.	
Total Number of Pages in This Submission		Attorney Docket Number	13151-2

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	J. David Ellett, Jr.
Signature	
Date	11 March 2003

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: 11 March 2003		
Typed or printed name	J. David Ellett, Jr.	
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PTO/SB/17 (1-03)
Approved for use through 04/30/2003. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) \$180.00

Complete if Known

Application Number 09/618,178
Filing Date 18 July 2000
First Named Inventor LINCOLN, Stephen E.
Examiner Name FREDMAN, Jeffrey N.
Group Art Unit 1655
Attorney Docket No. 13151-2

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METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number

11-0171

Deposit
Account
Name

Kalow & Springut LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)				(\$)	\$0.00

2. EXTRA CLAIM FEES FOR UTILITY AND

Extra Claims			Fee from below		Fee Paid
Total Claims	<input type="text"/> -20** =	<input type="text"/> 0	X	<input type="text"/>	= <input type="text"/> 0.00
Independent Claims	<input type="text"/> - 3** =	<input type="text"/> 0	X	<input type="text"/>	= <input type="text"/> 0.00
Multiple Dependent				<input type="text"/>	= <input type="text"/>

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) \$0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non - English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR § 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Statement	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) \$180.00

SUBMITTED BY

Name (Print/Type)

J. David Ellett, Jr.

Registration No.
(Attorney/Agent)

27,875

Complete (if applicable)

Telephone

(212) 813-1600

Signature

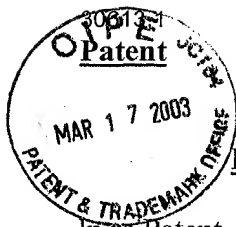
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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Applicants: LINCOLN, Stephen E. and
KNAPP, Michael R.

Examiner: FREDMAN, Jeffrey N.

Serial No.: 09/618,178

Art Unit: 1655

Filed : 18 July 2000

Title : Automatic Genotype Determination

Kalow & Springut LLP
488 Madison Avenue, 19th Floor
New York, New York 10022

11 March 2003

Commissioner for Patents
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97(c)**

SIR or MADAM:

Pursuant to 37 CFR 1.97 (c), the attorneys for the applicants hereby bring to the attention of the Patent and Trademark Office the following publications broadly related to the field of the invention of the application identified above:

Other Documents

Dempster, A.P.; Laird, N.M.; and Rubin, D.B. *J. Roy. Statist. Soc.*, volume B39, pages 1-38 (1977);

Little, R.J.A. and Rubin, D.B., *Statistical Analysis with Missing Data* (John Wiley & Sons, 1987) Pages 3-20, 79-96, and 127-141.

03/20/2003 HLE333 00000046 09618178

01 FC:1806

180.00 DP

Applicants : LINCOLN, Stephen E. and KNAPP, Michael R.
Serial No.: 09/618,178
Filed : 18 July 2000
Page 2

The items listed above are identified on Form PTO/SB/08 which is submitted with this statement. A copy of each of the items identified above is submitted with this statement.

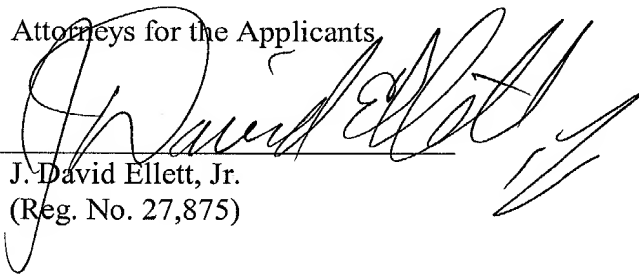
The attorneys for the applicants take no position on whether or not any item cited above and listed on Form PTO/SB/08 constitutes prior art against the subject application under any particular provision of Title 35 of the United States Code.

Pursuant to 37 CFR 1.97(c) and 1.17(p), the official fee for submission of an information disclosure statement at this time is estimated to be one hundred eighty dollars (\$180.00). A check in the estimated amount is submitted with this statement in payment for the required official fee. Please charge any deficiency in the payment submitted for the required fee, or credit any overpayment, to deposit account No. 11-0171.

Respectfully submitted,

Attorneys for the Applicants

By


J. David Ellett, Jr.
(Reg. No. 27,875)

Telephone: (212) 813-1600

MAR 17 2003

PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	09/618,178
Filing Date	18 July 2000
First Named Inventor	LINCOLN, Stephen F.
Group Art Unit	1655
Examiner Name	FREDMAN, Jeffrey N.
Attorney Docket Number	13151-2

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		DEMPSTER, A.P.; LAIRD, N.M.; and RUBIN, D.B., Maximum Likelihood from Incomplete Data via the EM Algorithm, <i>J. Roy. Statist. Soc.</i> 1977, pages 1-38, volume B39	
		LITTLE, R.J.A. and RUBIN, D.B., <i>Statistical Analysis with Missing Data</i> , 1987, pages 3-20 79-96, and 127-141, John Wiley & Sons	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).² Applicant is to place a check mark here if English language Translation is attached.

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